

PTO/SB/21 (03-03)

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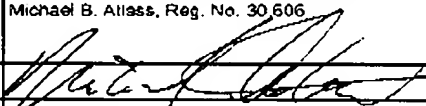
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/989,820
	Filing Date	11/20/01
	First Named Inventor	Daniel A. Jochym
	Art Unit	2827
	Examiner Name	Jeremy C. Norris
	Attorney Docket Number	TN247
Total Number of Pages in This Submission		13

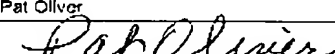
ENCLOSURES (Check all that apply)		
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Firm or Individual	Michael B. Alliss, Reg. No. 30,606
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Date	June 2, 2003

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: June 2, 2003		
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting this completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit: 2827  
Examiner: Norris, Jeremy C.

6/2/03

Customer Assignment No. 27276  
Serial No. 09/989,820  
Filed: 11/20/2001  
Inventor's: Jochym et al.  
Title: ALTERNATIVE TO THROUGH-HOLE PLATING IN A  
PRINTED CIRCUIT BOARD  
Attorney File No.: TN247

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P.O. Box 1450  
Alexandria, VA 22313-1450

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AMENDMENT AFTER FINAL

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Dear Sir:

This is responsive to the Official Communication of 01/02/2003, rejecting all claims remaining, i.e., 6, 7, 9-12, 14, and 15.

A two-month extension of time is required for this to be responsive. If any additional extension of time is required, please consider this a request therefore. If any additional fees are required, charge Deposit Account No. 19-3790.